

27 Apr. 65

25X1A

On 23 April, Article 125 experienced the following steering difficulty. During refueling operation over [REDACTED] the number two steering needle stuck at five degrees right steering signal. Upon breakaway and engagement of auto-nav, the Article entered a shallow right bank which continued until the pilot resumed control near Mount Whitney. After the pilot regained control, the number two needle continued to indicate five degrees right even though the pilot had selected a new destination. At a point over Los Angeles the needle slewed to a forty five degrees right indication and then appeared to operate normally for the duration of the flight. This point over Los Angeles corresponds to the first occasion when the computer would have commanded a right turn; prior to that time the steering signal should have been forty five degrees left. It appears that during the time the needle was indicating five degrees right, the computer was actually commanding a forty five degrees left turn, but that the gear train in the repeater driving the ID 250 and the Autopilot pot was binding.

25X1A

SM/egb

*The repeater has been changed for the next flight.*

25X1A

25X1A

Approved For Release 2000/08/26 : CIA-RDP71B00590R000100050048-9

Approved For Release 2000/08/26 : CIA-RDP71B00590R000100050048-9